



TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY

ENVIRONMENTAL TRADE FAIR & CONFERENCE



MAY 14-15, 2019
AUSTIN CONVENTION CENTER

TUESDAY May 14, 2019

7:30 a.m. Registration Begins & Exhibit Hall Opens | 8:30 a.m. Concurrent Sessions Begin | 4:00 p.m. Exhibit Hall Closes

All speakers are TCEQ staff unless otherwise indicated.

EDUCATIONAL TRACKS

8:30–9:30 a.m.

10:30–11:30 a.m.

1:00–2:00 p.m.

2:15–3:15 p.m.

4:00–5:00 p.m.

**AIR PERMITTING:
NEW SOURCE REVIEW
AND OPERATING
PERMITS**
BALLROOM EF

AIR QUALITY
TUESDAY ONLY
ROOM 19A

**COMPLIANCE
ASSISTANCE AND
ENFORCEMENT**
ROOM 17AB

**INTRODUCTION TO
ENVIRONMENTAL
REGULATIONS**
ROOM 18AB

**LAB PRACTICES AND
DATA REPORTING**
ROOM 19B

**OCCUPATIONAL
LICENSING**
TUESDAY ONLY
ROOM 15

OIL AND GAS
*(Includes Ethics for
Professional Engineers)*
BALLROOM G

**Air Permits Division Update &
Management Introductions**
Overview of current APD issues.
*Mike Wilson, P.E.; Air Permits Division
Management*
Level: Basic

**Funding Opportunities: Volkswagen
Environmental Mitigation Trust and
Texas Emissions Reduction Plan**
Update on funding opportunities to
upgrade, repower, or replace vehicles
and equipment.
Kelsey Hopkinson; Joe Walton
Level: Basic

Ambient Air Monitoring Networks
Overview of TCEQ's Air Monitoring
Network including a discussion of
pollutants monitored and monitoring
objectives.
Sally Klein
Level: Basic

**Water Supply – Plan and
Technical Review Process**
Understanding the approval and
exception review process with a
focus on P.E. prepared submittals.
Erin Guerra; David Smith
Level: Basic

Laboratory Staff Training
Approaches to effective communication
of regulatory, technical, and quality
information to laboratory staff.
Clint David, Environmental Chemistry, Inc.
Level: Basic

**Updates Impacting the Environmental
Occupational Licensing in Texas**
Update on upcoming and recent
program and legislative changes
impacting the Occupational Licensing
Program.
Jaya Zyman, P.E.
Level: Basic

**Oil and Gas Permits by Rule
and Standard Permits**
Examples of common projects
and issues.
Dan Sims
Level: Basic

**Standardized Authorizations:
A Journey**
Introduction to De Minimis, Permits
by Rule, and Standard Permits.
Dana Johnson
Level: Intermediate

NAAQS and Texas Air Quality
Update on the latest Texas air
quality planning activities and
federal standards.
Brian Foster; Kasey Savanich
Level: Intermediate

Stack Testing
Overview of TCEQ stack testing
requirements and compliance
investigations.
Banks Miller; Jason Baksh
Level: Intermediate

Stormwater – CGP Permitting
Review of permit applicability, general
requirements, and an overview of
assistance tools available.
Chris Leahy
Level: Basic

**Alarming Differences in Dissolved
Methane Across Commercial
Laboratories – Finding a Fix**
Discussion of studies related to
disparate dissolved methane results
in groundwater monitoring.
Rock Vitale, Environmental Standards, Inc.
Level: Advanced

**Licensing Requirements for Water,
Wastewater, MSW, UST, and LPST**
Specific training, experience, and
examination requirements for
occupational license holders.
Erwin Madrid; Ashley Robledo; Martha Hull
Level: Intermediate

**TexNet / CISR – Monitoring and
Analyzing Earthquake Activity
in Texas**
Discussion of recent and ongoing
seismic monitoring and geological
analyses of earthquake activity in
Texas.
*Michael Young, Ph.D., Bureau of Economic
Geology*
Level: Intermediate

New Source Review (NSR) Permits
Overview of the NSR permitting
program and NSR permitting
mechanisms.
Justin McClain
Level: Intermediate

**Texas Air Quality:
State of the Science**
Overview of current scientific
understanding of air quality issues
in Texas.
Mark Estes
Level: Intermediate

Emissions Events
Overview of TCEQ requirements for
emissions events, including reportable,
recordable, and excessive emissions
events.
Susan Thompson
Level: Intermediate

Stormwater – MSGP Permitting
Review of permit applicability, general
requirements, and an overview of
assistance tools available.
Kristen Fenati
Level: Basic

**Validating Lab Data
While Navigating Qualifiers**
Review of real data and how to keep
common excursions in perspective.
Judith Morgan, Pace Analytical
Level: Intermediate

**New and Improved
Exam Registration Process**
New improvements to the Occupational
Licensing online exam registration.
Robin Maiorisi
Level: Intermediate

**Demonstration of the New
Online Licensing Electronic
Application (OLEA)**
Live demonstration of the new OLEA
including common mistakes that can
cause application delays.
Tamara Calhoun
Level: Intermediate

**Office of Compliance and
Enforcement (OCE): Part I**
Update on Oil and Gas activities in Texas.
Susan Jablonski, P.E.
Level: Basic
OCE: Part II
Update on the use of the Self Audit
Privilege Act.
Bryan Sinclair
Level: Intermediate

**Prevention of Significant
Deterioration (PSD) / Nonattainment
(NA) Review / Netting**
Introduction to PSD and NA
requirements, including offsets
and netting examples.
Katie Quinlan
Level: Intermediate

Texas Emissions Inventory
Overview of point and nonpoint source
emissions inventory data, trends, and
reporting/development.
Matthew Southard; Jill Dickey-Hull
Level: Intermediate

**Industrial Wastewater
Treatment Investigations**
Discussion on TCEQ investigations
related to industrial wastewater
treatment operations.
Zack Fuqua
Level: Intermediate

Stormwater – Phase II MS4s
Overview of applicability and
requirements, compliance resources,
and changes made in the 2019 permit.
Polly Porter
Level: Basic

**Changes in the TNI Standard
for Detection, Quantitation,
and Calibration: Part I**
Overview of changes from the
previous TNI Standard, and a
discussion of new requirements.
Jerry Parr, The NELAC Institute
Level: Advanced

**How to Become a TCEQ-Approved
Training Provider**
Discussion of required items to submit,
and the approval process for becoming
a new TCEQ-approved training provider.
James Murphy
Level: Intermediate

**Responsibilities of Approved Training
Providers including Audit Preparation**
Discuss rules and guidance on
responsibilities for training providers,
with an overview of the audit process.
Linda Saladino
Level: Intermediate

**Estimating Oil & Gas Exploration
and Production Emissions**
Exploring the history, current state,
and future of estimating area source
Oil & Gas emissions.
Michael Ege
Level: Basic

**Advanced Prevention of Significant
Deterioration / Nonattainment**
In-depth discussion, including use
of tables.
David Reyna
Level: Advanced

**Toxics Release Inventory Reporting
Guidelines and Data Trends**
Overview of reporting guidelines and
data trend analysis for the Toxics
Release Inventory program.
K. Blake Kidd, Ph.D.
Level: Intermediate

Emergency Response
Overview of requirements for the
responsible party and a discussion of
TCEQ's response to emergency spills.
Gary Sinclair
Level: Intermediate

NetDMR
How to create an account, and
enter, and submit a Discharge
Monitoring Report.
Lisa Westbrook
Level: Basic

**Changes in the TNI Standard
for Detection, Quantitation,
and Calibration: Part II**
Continuation of Part I.
Jerry Parr, The NELAC Institute
Level: Advanced
TCEQ's Accreditation Program
Program update with Q&A session.
Ken Lancaster
Level: Basic

No presentation scheduled

**Texas Board of Professional
Engineers – Practice Update / Ethics**
General updates on Board initiatives,
information on enforcement statistics,
and the engineering Code of Conduct.
*David Howell, P.E., Texas Board of
Professional Engineers*
Level: Basic

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9:30–10:30 a.m. BREAK – EXHIBIT HALL

11:30 a.m. – 12:45 p.m. LUNCH ON YOUR OWN

3:15–4:00 p.m. BREAK – EXHIBIT HALL

W

WW

WW

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W, WW, MSW, LPST, UST

W, WW, MSW, LPST, UST

W, WW, MSW, LPST, UST

W, WW, MSW, LPST, UST



2019 TEXAS ENVIRONMENTAL EXCELLENCE AWARDS BANQUET

TOMORROW ★ BALLROOM D
RECEPTION BEGINS AT 5:30 P.M.
Banquet check-in at Ballroom D
For more information please see next page.

INFORMATION FOR TCEQ OCCUPATIONAL LICENSEES

CONTINUING EDUCATION CREDITS KEY

Abbreviation	License	Max Hours
W	Water System Operator	10 hours
WW	Wastewater System Operator	10 hours
MSW	Municipal Solid Waste Facility Supervisor	10 hours
LPST	LPST Corrective Action Project Manager	9 hours
UST	UST On-Site Supervisor	9 hours

You must turn in your completed and signed Continuing Education Hours form to the Registration Assistance Center (1st Floor) before the conference ends. If you misplaced your form, you can get a replacement there.

<div>WASTE MANAGEMENT: MUNICIPAL SOLID WASTE</div> <div>ROOM 18CD</div>	<div>7:30 a.m. EXHIBIT HALL OPENS</div>	<div>Landfill Mining Requirements for Recovering Materials and Land from Closed or Active Landfills</div> <div>Overview of requirements for obtaining authorizations to conduct landfill mining at MSW landfills.</div> <div>Chandra Yadav</div> <div>Level: Intermediate</div> <div>MSW</div>	<div>9:30 – 10:30 a.m. BREAK – EXHIBIT HALL</div>	<div>Municipal Solid Waste (MSW) 101: Part I</div> <div>Overview of MSW facility types, authorization levels, and applicable rules.</div> <div>Michael Sofijczuk; Gayatri Bitracanti</div> <div>Level: Basic</div> <div>MSW</div>	<div>MSW 101: Part II</div> <div>Synopsis of available forms for MSW applications and use of checklists for application submittal.</div> <div>Garrett Heathman; Chance Goodin</div> <div>Level: Basic</div> <div>MSW</div>	<div>Closure and Post Closure Care for MSW Facilities</div> <div>Closure and post closure care plans and cost estimate requirements for MSW facilities.</div> <div>Armando Barrera</div> <div>Level: Intermediate</div> <div>MSW</div>	<div>Scrap Tire Management in Texas</div> <div>Overview of the Scrap Tire Program and how the Waste Permits Division reviews and manages active registrations.</div> <div>Emilee Bell</div> <div>Level: Basic</div> <div>MSW</div>
<div>WASTEWATER PERMITTING</div> <div>ROOM 16AB</div>		<div>Water Quality Division & Legislative Update</div> <div>Overview of new rules, legislation updates, and initiatives that may impact wastewater.</div> <div>David W. Galindo</div> <div>Level: Intermediate</div> <div>WW</div>		<div>Tools POTWs Can Use to Identify Industrial Users</div> <div>Review of the TPDES permit application components and overview of tools to identify industrial users.</div> <div>Jessica Alcoser</div> <div>Level: Intermediate</div> <div>WW</div>	<div>Municipal Wastewater Permits</div> <div>Review of applications for municipal wastewater permits, draft-permit applications, and draft-permit package-development.</div> <div>Jose Alfonso Martinez III</div> <div>Level: Intermediate</div> <div>WW</div>	<div>Design Criteria for Domestic Wastewater Treatment Facilities 30 TAC Chapter 217</div> <div>Discussion on technical issues and procedures for domestic treatment facilities and collection systems.</div> <div>Louis C. Herrin, III, P.E.</div> <div>Level: Intermediate</div> <div>WW</div>	<div>Procedures to Implement the Texas Surface Water Quality Standards (RG-194)</div> <div>Overview of the publication and how to use it.</div> <div>Peter Schaefer</div> <div>Level: Intermediate</div> <div>WW</div>
<div>WASTE REMEDIATION</div> <div>TUESDAY ONLY</div> <div>ROOM 12AB</div>		<div>TPDES Pretreatment Program for Publicly Owned Treatment Works (POTW) & New EPA Rule</div> <div>Overview of the pretreatment program for POTWs & EPA Rule updates including Dental Office Rule.</div> <div>Erika Crespo</div> <div>Level: Intermediate</div> <div>WW</div>		<div>Municipal Land Application Permits</div> <div>Exploring the options for land application of treated domestic wastewater.</div> <div>Amanda Pirani; Paul Askenasy, P.E., Ph.D.; Julian Centeno</div> <div>Level: Intermediate</div> <div>WW</div>	<div>Chapter 312 Closure Plans for Municipal Wastewater Treatment Plants (WWTPs)</div> <div>Discussion on the process for Municipal WWTP closure and post-closure care.</div> <div>Jose Alfonso Martinez III; Brian Sierant</div> <div>Level: Basic</div> <div>WW</div>	<div>Uses of Domestic Reclaimed Water</div> <div>Overview of the Chapter 210 regulations for reuse of treated domestic wastewater.</div> <div>Baltazar Lucero-Ramirez, P.E.</div> <div>Level: Intermediate</div> <div>WW</div>	<div>Whole Effluent Toxicity</div> <div>Overview of whole effluent toxicity in the implementation procedures.</div> <div>Michael Pfeil</div> <div>Level: Basic</div> <div>WW</div>
		<div>Ecological Risk Assessment (ERA): Case Study</div> <div>An overview of RG-263c, a case study demonstrating TCEQ's ERA process, and program updates.</div> <div>Mike Smith; Greg Zychowski; Margaret Roy, Centerline Environmental Consulting</div> <div>Level: Intermediate</div> <div>LPST</div>		<div>Railroad Commission of Texas (RRC): Brownfields Response Program</div> <div>How the RRC Brownfields Response Program assists with redevelopment of abandoned oil and gas sites.</div> <div>Peter Pope, P.G., Railroad Commission of Texas</div> <div>Level: Basic</div> <div>LPST</div>	<div>Procedures for Groundwater Notifications Under Texas Water Code 26.408 and 5.236</div> <div>Overview of the requirements for drinking water surveys and groundwater contamination notices.</div> <div>Prasanthi Bollineni</div> <div>Level: Basic</div> <div>LPST</div>	<div>Innocent Owner / Operator Program (IOP): Case Studies</div> <div>Introduction to the IOP with case studies; discussion of the interaction with the Voluntary Cleanup Program.</div> <div>Christopher Moore</div> <div>Level: Basic</div> <div>LPST</div>	<div>Data Usability Reviews and Documentation for Texas Risk Reduction Program and Petroleum Storage Tank Projects</div> <div>Discussion of process for conducting data usability reviews and preparing data usability summary reports.</div> <div>Mark Maglitto</div> <div>Level: Intermediate</div> <div>LPST</div>
<div>WATER</div> <div>ROOM 14</div>		<div>Public Drinking Water Distribution System Optimization Strategies</div> <div>Road map for optimizing multiple-barrier strategies including: sampling, disinfection, cross-connection control, and main flushing.</div> <div>Charlie Middleton</div> <div>Level: Intermediate</div> <div>W</div>		<div>Strategies for Communications to Public Water Systems</div> <div>Effective and timely communications to water system customers in urgent situations.</div> <div>Patrick Kading</div> <div>Level: Basic</div> <div>W</div>	<div>Total Coliform Bacteria in Your Public Water System</div> <div>Discussion of sanitary defects and causes of bacteria coliforms detected in your system.</div> <div>Kasy Stinson; Alex Hinz</div> <div>Level: Basic</div> <div>W</div>	<div>Texas Surface Water Quality Standards</div> <div>Update on revisions to Texas Surface Water Quality Standards.</div> <div>Joe Martin</div> <div>Level: Intermediate</div> <div>W</div>	<div>No presentation scheduled</div>
		<div>Can We Help? Resources for Public Water Systems</div> <div>Overview of resources to help strengthen financing, management, and day-to-day operations.</div> <div>Dorothy Young</div> <div>Level: Basic</div> <div>W</div>	<div>Drinking Water Questions: Who Should I Ask?</div> <div>Who should public water system consumers ask about drinking water quality questions?</div> <div>Dorothy Young; Brittney Teakell; Patrick Kading</div> <div>Level: Basic</div> <div>W</div>	<div>Current Status of the Texas Integrated Report for Clean Water Act Sections 305(b) and 303(d)</div> <div>Updates on the 2016, 2018, and 2020 Integrated Reports.</div> <div>Andrew Sullivan</div> <div>Level: Intermediate</div> <div>W</div>	<div>Total Maximum Daily Load (TMDL) Program</div> <div>Overview of the TMDL program.</div> <div>Roger Miranda</div> <div>Level: Basic</div> <div>W</div>		

11:30 a.m. – 12:45 p.m. LUNCH ON YOUR OWN

3:15 – 4:00 p.m. BREAK – EXHIBIT HALL

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**AIR PERMITTING:
NEW SOURCE REVIEW
AND OPERATING
PERMITS**
BALLROOM EF

**COMPLIANCE
ASSISTANCE AND
ENFORCEMENT**
ROOM 17AB

**ENVIRONMENTAL
QUALITY ALONG THE
TEXAS BORDER WITH
MEXICO**
*WEDNESDAY ONLY
ROOM 15*

**INTRODUCTION TO
ENVIRONMENTAL
REGULATIONS**
ROOM 18AB

**LAB PRACTICES AND
DATA REPORTING**
ROOM 19B

OIL AND GAS
*(Includes Ethics for
Professional Geoscientists)*
BALLROOM G

**Permitting Streamline Initiatives,
Including Direct Assistance Guidance**
Introduction to air permitting and
modeling tools.
Dianne Anderson; Kate Brown; Kim Strong
Level: Intermediate

Enforcement Division Overview
Overview of the responsibilities of the
TCEQ Enforcement Division.
Melissa Cordell
Level: Basic

Environmental Audit Act
Guide to the Texas Environmental,
Health, and Safety Audit Privilege Act
including a discussion on common
deficiencies.
Robyn Babyak
Level: Basic

**Protecting Environmental Quality
Along the Texas Border with Mexico**
TCEQ's Border Initiative, Border 2020,
and examples of cross-border collabora-
tion to protect human health and the
environment.
Eddie Moderow; Claudia Lozano
Level: Basic

ePBR & STEERS
How to create a STEERS account and
obtain a Permit By Rule electronically.
Amanda Flint
Level: Basic

**Dredged Material Evaluations from
an Environmental Laboratory's
Perspective**
Review of the test program associated
with dredged material evaluations.
Patricia McIsaac, Test America
Level: Intermediate

**Oil and Gas Injection Wells:
Groundwater Protection and
Aquifer Exemption**
Overview of groundwater protection
practices for oil & gas wells, including
injection wells, and aquifer exemption.
*James Harcourt, Railroad Commission
of Texas; Rick Behal, Railroad Commission
of Texas*
Level: Intermediate

Readily Available Permits
Case study using permitting tools.
Amber Huddle; Miranda Duncan
Level: Intermediate

Petroleum Storage Tank (PST) Rule
Summary of recent revisions and
why they are important.
Lonnie Gilley
Level: Intermediate

U.S. – Mexico Border Wind Power
Overview of wind power projects on
both sides of the border.
Manniti Cummins, Energia Velela
Level: Intermediate

Waste Reduction Policy Act (WRPA)
How to comply with the Texas law
for pollution prevention planning,
called WRPA.
Calen Roome
Level: Basic

**Calibration – What Changed,
Why, and What Next?**
Discussion of what has changed and
what needs to change with calibration
requirements.
Richard Burrows, Test America
Level: Intermediate

**Review of Induced Seismicity:
The Delaware Basin**
Exploring seismic activity in the
Delaware Basin, and permitting
disposal wells in affected areas.
Paul Dubois, Railroad Commission of Texas
Level: Intermediate

Tanks and Permits by Rule
Using 30 TAC §106, Subchapter U.
Jimmy Nolan; Mark McDonald
Level: Intermediate

Landfill Investigations
Overview of the components in TCEQ
landfill investigations and a discussion
of common investigation findings.
Jason Adams
Level: Intermediate

**Local Management of Scrap Tires
Along the Border**
Unique challenges in managing scrap
tires on the international border and
one local solution.
*Melanie Scruggs; John Ockels, Texas Illegal
Dumping Resource Center; Ivan Santoyo, City
of Laredo*
Level: Intermediate

**Understanding the
Enforcement Process**
An explanation of the policy used to
initiate enforcement and determine
penalty amounts related to TCEQ
orders.
Katy Montgomery
Level: Basic

**A Forensic Approach to Common
Analytical Methods**
Presentation of case studies and raw
analytical data from several methods.
Erin Rodgers, Environmental Standards, Inc.
Level: Advanced

**History and Implementation of the
TCEQ and the Railroad Commission
Memorandum of Understanding (MOU)**
How Texas became a dual-agency
waste management state, and how the
MOU benefits Texas.
*David Cooney, Jr., Railroad Commission of
Texas*
Level: Basic

**Site Operating Permits (SOPs) –
Initial, Revision, and Renewal
Applications**
Explanation of Title V SOP processes.
Brandon Marsh, P.E.
Level: Intermediate

Unauthorized Wastewater Discharges
Overview of required actions for
unauthorized wastewater discharges
and a discussion on TCEQ's response.
Scott Griffith
Level: Intermediate

**Four TCEQ Regions Sharing One
International Border**
Investigations, enforcement, and
compliance assistance in the four
TCEQ border regions.
David Ramirez
Level: Basic

**New PST Rules and Compliance
Resources**
Updates on PST related rules and
review of available compliance
programs and tools.
Danielle Cochran; Scott Dickson
Level: Basic

**Public Water Supply Quality
Assurance Project Plan Reporting
Requirements: Part I**
Drinking Water Program QAPP
requirements for laboratories and
impacts on Public Water Systems.
Jessica Hoch
Level: Intermediate

**Practical Lessons from Twenty Years
of Environmental Law Practice at the
TCEQ and Railroad Commission**
Legal issues faced as counsel for
TCEQ and RRC with an emphasis on
practical solutions.
*David Cooney, Jr., Railroad Commission
of Texas*
Level: Intermediate

**How Title V and NSR Permitting
Interact**
Comparing permitting types and how
they relate to each other.
Ariel Ramirez; Vasant Chaphekar, P.E.
Level: Intermediate

**Sanitary Sewer Overflow (SSO)
Initiative**
Overview of TCEQ's SSO Initiative
and information for prospective
participants.
Anne Ruthstrom
Level: Intermediate

**Mexico – Texas Wildlife
Conservation in the Age of
More Border Barriers**
Despite challenges along the border
region, professionals collaborate for
the conservation of shared resources.
*Maria Araujo, Texas Parks & Wildlife
Department*
Level: Intermediate

**Common Questions & Answers
about the New PST Rules**
Complying with the new PST rules.
Danielle Cochran; Rebekah Stanush
Level: Basic

**Public Water Supply Quality
Assurance Project Plan Reporting
Requirements: Part II**
Continuation of Part I.
Jessica Hoch
Level: Intermediate

**Ethics Training for
Professional Geoscientists**
Laws, regulations, and examples
regarding P.G. licensee ethics in Texas.
*Wesley McCoy, P.G., Texas Board of
Professional Geoscientists*
Level: Basic

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W, WW, MSW, UST

LPST, UST

MSW

WW

WW

W, WW, MSW

W, WW, MSW, LPST, UST

LPST, UST

LPST, UST

W

W

UNDERGROUND INJECTION CONTROL And RADIOACTIVE MATERIALS AND WASTE MANAGEMENT WEDNESDAY ONLY ROOM 19A	Latest Developments in the Radioactive Materials Division Updates on the Division's programs. <i>Ashley Forbes</i> Level: Basic Radioactive Materials Section Update Program updates from Radioactive Materials Licensing and Uranium Licensing and Permitting. <i>Tony Gonzalez; Hans Weger, Ph.D.</i> Level: Intermediate	Waste Control Specialists (WCS) Update and Overview of Low Activity Waste Disposal Updates on operations at WCS site in Andrews County and description of low activity radioactive waste disposal activities. <i>Chris Shaw, M.S., CHP RRPT, WCS, Waste Control Specialists LLC</i> Level: Intermediate	Underground Injection Control (UIC) Program Update on UIC Program activities and issues in Texas. <i>Lorrie Council, P.G.; Tamara Young</i> Level: Intermediate Which Type of Facility Represents your Class I Injection Well Operations? Discussion of commercial, non-commercial, captured, off-site, on-site, contiguous, non-contiguous facilities. <i>Jan Bates, P.E.</i> Level: Advanced	Recent UIC Class I Well Construction Issues Discussion of recent issues encountered during drilling, construction, and filing of completion reports for Class I Wells. <i>Andy Trevino, P.E.</i> Level: Advanced What to Do When Your Well Breaks Down Discussion of the workover process from loss of mechanical integrity to "Back in Service." <i>Rich Heitzenrater</i> Level: Intermediate	Concentrate Management Related to the Kay Bailey Hutchison Desalination Plant in El Paso Overview of 10 years of plant operation and innovative approaches to manage concentrate. <i>Scott Reinert, El Paso Water</i> Level: Advanced A Modeling Approach to Assess the Feasibility of Water Injection, Storage, and Recovery Development plan of application guidelines for entities seeking authorizations for aquifer storage and recovery wells. <i>David Murry, P.G.; Reinaldo E. Alcalde, M.S., Student, U.T., Austin</i> Level: Advanced
WASTE MANAGEMENT: INDUSTRIAL AND HAZARDOUS WASTE ROOM 18CD	Industrial and Hazardous Waste (IHW) Permits Section Overview / Emerging Issues IHW Permits Section updates and discussions regarding new impacts to industry. <i>Bob Patton</i> Level: Basic	Resource Conservation and Recovery Act (RCRA) Rule Description of federal rule revisions, and how the Texas regulated community will be impacted. <i>Jarita Sepulvado</i> Level: Basic	Waste Classification: Part I RCRA hazardous and non-hazardous waste classification overview. <i>Carol Bao; Sheila Meyers</i> Level: Intermediate	Waste Classification: Part II Continuation of Part I. <i>Carol Bao; Sheila Meyers</i> Level: Intermediate	IHW Process Enhancements Guidance to changes made to the IHW application and reporting process to facilitate improved permits. <i>Chirag Patel; Fabienne Rambaud</i> Level: Basic
WASTEWATER PERMITTING ROOM 16AB	Industrial Wastewater Permit Application Revisions, Common Problems, and Information Resources Learn about the new Industrial Wastewater Permit Application, typical application issues, and available tools. <i>Michael Anstice; Shannon Gibson</i> Level: Intermediate	Industrial Wastewater Permits Overview of the permitting process including application tips, the review process, and recent updates. <i>Rebecca Moore</i> Level: Intermediate Industrial 210E Authorization for Beneficial Reuse Process review on how to obtain 210E authorization to beneficially reuse treated industrial wastewater. <i>Monica Baez</i> Level: Intermediate	Water Quality Based Effluent Limits (WQBEL): How They're Calculated and Tips for Permittees Determining WQBELs for wastewater permits. <i>Sarah Johnson, Ph.D.</i> Level: Intermediate TCEQ's Electronic Permitting (ePermits) for Stormwater General Permits Overview of ePermits for water quality general permits. <i>Radhika Aduri</i> Level: Intermediate	Municipal Separate Storm Sewer Systems General Permit (MS4) (TXR040000) Phase II and Stormwater Management Programs Overview of the MS4 Phase II renewal and updating of Stormwater Management Programs. <i>Rebecca L. Villalba</i> Level: Intermediate	Stormwater TPDES Construction General Permit (CGP) (TXR150000) Overview of the permit requirements for construction sites. <i>Lindsay Garza</i> Level: Intermediate Stormwater TPDES Multi-Sector General Permit (MSGP) (TXR050000) Overview of the permit requirements for industrial facilities. <i>Dan Siebeneicher; Lili Martinez</i> Level: Intermediate
WATER ROOM 14	Changing Owners of Water Rights How to discover water rights and streamlining the resource transfer process. <i>Megan Brown</i> Level: Basic Water Rights Annual Reports Why reporting matters and what information makes the most impact. <i>Joe Nicosia</i> Level: Basic	Texas Groundwater Protection Committee Updates on the Texas Groundwater Protection Strategy and the groundwater portion of the 2018 Texas Integrated Report. <i>Leon Byrd; Kathy McCormack</i> Level: Intermediate Watermaster Programs in Texas Overview of the Texas Watermaster Programs and ongoing basin evaluations. <i>Brooke McGregor</i> Level: Basic	Water Rights Permitting Process: What Makes Your Application Administratively Complete Overview of the water rights application process, including permitting, hydrology, and conservation. <i>Trent Jennings; Jade Rutledge; Joshua Schauer; Alisa Patterson</i> Level: Intermediate	Funding Green Stormwater Infrastructure for Water Quality and Flooding Issues Funding green stormwater infrastructure and low impact development with nonpoint source grants. <i>Jessica Uramkin</i> Level: Basic Enhancing Habitat and Community Engagement in Local Parks Results of the Galveston Bay Estuary Program's successful local habitat enhancement projects. <i>Cynthia Clevenger</i> Level: Basic	No presentation scheduled



TEXAS ENVIRONMENTAL EXCELLENCE AWARDS

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